



Salah Eddine Ghannouch

Master's student specialized in Distributed Computing Systems & Big Data - Looking for a PFE internship

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📍 Marrakech (National mobility), Morocco

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🎓 Academic Training

2022 – present	Specialized Master in Distributed Computing Systems & Big Data, <i>Ibn Zohr University</i>	Agadir, Morocco
	<ul style="list-style-type: none">SID-BD Specialized Master student.Key modules: Python, Data Analysis, Apache Spark, Django, JavaCard	
2021 – 2022	Professional License degree, EST	Essaouira, Morocco
	<ul style="list-style-type: none">Computer systems and software engineer - Highest honors.Key modules : Java, JEE, Oracle, MongoDB, Express, React, NodeJS, Design patterns, UML, Git.	
2019 – 2021	University Diploma in Technology DUT, EST	Essaouira, Morocco
	<ul style="list-style-type: none">Training in Computer Engineering.Key modules: Java, Swing, PHP, Algorithm, C, C++, HTML, CSS, JQuery, Ajax, Git, CSS, JS, Merise	
2018 – 2019	Baccalaureate, Prince Moulay Rachid High School	Essaouira, Morocco
	<ul style="list-style-type: none">physical science branch, honours.	

💼 Professional Experience

06/2022 – 07/2022	Summer Intern, Establishment of Dar Ettalib	Essaouira, Morocco
	<ul style="list-style-type: none">Summer internship in the Dar Ettalib establishment.Skills: javaEE · Oracle Database · Spring Framework.	
04/2022 – 06/2022	End of studies internship, Hydroleader	Marrakech, Morocco
	<ul style="list-style-type: none">Mission: Administration system for managing calls for tenders and contracts.Skills: Full-stack development Finance PostgreSQL	
04/2021 – 06/2021	DUT End of Studies Internship, PMR in Essaouira	Essaouira, Morocco
	<ul style="list-style-type: none">Mission: Design and production of an administration and library management platform for the Prince Moulay Rachid High School.Skills acquired: Web technologies (JAVASCRIPT, PHP, JQUERY, SQL).Use of version and package management tools (GIT, GITHUB).	
08/2020 – 09/2020	Initiation internship, Higher School of Technology of Essaouira	Essaouira, Morocco
	<ul style="list-style-type: none">Realization of a website for a company selling electronic products.Skills: HTML5 · CSS · jQuery · JavaScript	

🔗 Academic Projects

Chat App in Flutter, in progress

- develop a highly functional chat app with flutter and Firebase
- Technologies: Flutter, Firebase

Event Management and Reservation, *Django, Web Application*

- Web application for the management and online reservation of events.
- Technologies : Django, HTML, CSS, JS,

UML Modeling App, *UML Class Diagram Modeling and Code Generation Tool*

- Design and implementation of a graphical and textual modeling tool for UML class diagrams.
- Automatic generation of Java and SQL code based on the created diagrams.
- Technologies: Java, JavaFx, JDOM, Xtext, Xml

Deep Learning Project, *Computer Vision*

- Morse code translator to text from hand signs in real time.
- Technologies: Computer Vision (OpenCv, Mediapy) - Deep Learning(CNN)

Web project, *Covid-19 web app*

- Creation of a web application for managing Covid-19 statistics
- Technologies: HTML/CSS - JS - JAVA-Spring.

Network Project, *Setting up a local network*

- creation of an operational network with all the necessary services (DNS, LDAP, DHCP, SendMail, http and ftp,)

Project JavaEE, *Ecommerce App:*

- Development of an e-commerce application
- Technologies: JAVA EE , JSTL, HTML, CSS, MYSQL.

Project C++, *Library management:*

- Technologies: C language, C++.

Modeling, Database, *Management of a football club*

- Technologies : Microsoft Access, langage SQL, Merise

Skills

Mobile Development (Flutter, Dart)

Data analysis (Microsoft SQL Server, Apache Spark, PowerBI)

Web development (HTML5, CSS3, JS, AJAX, JQuery, NodeJS, ReactJS , JEE / Spring , PHP ,Django , Flask)

Database (MySQL , Oracle , MongoDB , PostgreSQL)

Design Methodology (UML, Merise, PowerAMC)

Computer Vision (Python [Certificate] / Matlab)

Development tools (Git [Certificate], GitHub [Certificate])

Certificates

Badge in Data Analysis  (-Coursera) | **Data Analysis with Python**  (-IBM - Coursera)

Databases and SQL for Data Science with Python  (-IBM - Coursera)

Adopt an MVC architecture in PHP  (-OPENCLASSROOMS)

Languages

Arabe (Native) • **Français** (Intermediate) • **Anglais** (Intermediate)

Interests

Le Sport (Basketball, football)

meditation (Wild camping...)

Event Manager ("Initiative Digitale" club - EST Essaouira)

Design Committee ("IT Club" FS Agadir)